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(71) Applicant (for all designated States except US): **KOLON INDUSTRIES, INC** [KR/KR]; Kolon Tower, 1-23, Byulyang-dong, Kwacheon-si, Kyunggi-do 427-040 (KR).

(74) Agent: **CHO, Hwal-Rai**; Suite No. 1507 Yoksam Heights Bldg, 642-19, Yoksam-dong, Kangnam-gu, Seoul 135-981 (KR).

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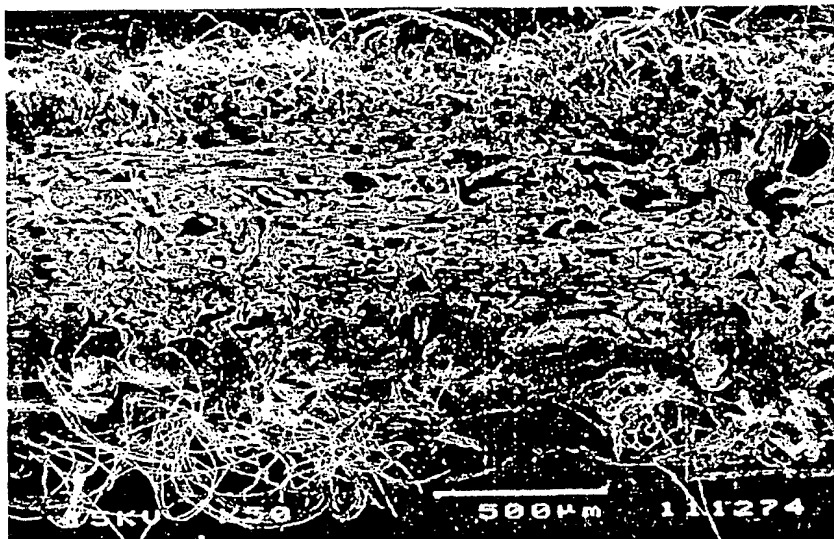
(75) Inventors/Applicants (for US only): **HWANG, Young-Nam** [KR/KR]; 107-502, Wobang Shinsekei town, Sangmo-dong, Gumi-si, Kyungsangbuk-do 730-090 (KR). **KIM, Won-Jun** [KR/KR]; 204/304 Pung-lim APT, 151-10 Hyungok-dong, Gumi-si, Kyungsangbuk-do 730-040 (KR). **CHUNG, Jae-Hoon** [KR/KR]; 204-110

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(54) Title: A COMPOSITE SHEET USED FOR ARTIFICIAL LEATHER WITH LOW ELONGATION AND EXCELLENT SOFTNESS



(57) Abstract: The present invention relates to a composite sheet used for artificial leather with low elongation and excellent softness. The composite sheet for artificial leather comprises: a non-woven fabric layer (1) made of ultra fine fibers having a fineness less than 0.3 denier; a woven or knitted fabric layer (2) constructed from a yarn made of ultra fine fibers having a fineness less than 0.3 denier; and polyurethane resin, wherein the ultra fine fibers of the non-woven fabric layer (1) and the ultra fine fibers of the woven or knitted fabric layer (2) are entangled with each other. The composite sheet of the present invention has a stitching strength of more than 30kg/mm, an elongation at constant load of less than 20 % and a stiffness of less than 80mm. Since

the composite sheet for artificial leather of the present invention is excellent in both form-stability and softness, it is useful for the production of artificial leather for furniture, cars, men's clothing and sundry goods.

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Information on patent family members

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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-2000314087 A2 (KURARAY CO., LTD) 14 NOVEMBER 2000 See the whole document	1,13
A	JP 2001-2001190307 A2 (KURARAY CO., LTD) 17 JULY 2001 See the whole document	1,13
A	KR 10-140491 B2 (DONGYANGNYLON CO., LTD) 12 MARCH 1998 See the whole document	1,13
A	JP 62-78281 A (TORAY IND INC) 10 APRIL 1987 See the whole document	1,13
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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